



EMC Test Data

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|-----------------------------|-----------------------------------|
| Client: Pace Americas Inc. | Job Number: JD100016 |
| Model: C61-700 (RF4CE STB) | T-Log Number: T100054 |
| Contact: Mark Rieger | Project Manager: Irene Rademacher |
| Standard: FCC 15.B / 15.247 | Project Coordinator: - |
| | Class: N/A |

Maximum Permissible Exposure

Test Specific Details

Objective: The objective of this test session is to perform final qualification testing of the EUT with respect to the specification listed above.

Date of Test: 12/9/2015

Test Engineer: Mark Hill

General Test Configuration

Calculation uses the free space transmission formula:

$$S = (PG)/(4 \pi d^2)$$

Where: S is power density (W/m^2), P is output power (W), G is antenna gain relative to isotropic, d is separation distance from the transmitting antenna (m).

Summary of Results

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| Device complies with Power Density requirements at 20cm separation: | Yes |
|---|-----|

Modifications Made During Testing

No modifications were made to the EUT during testing

Deviations From The Standard

No deviations were made from the requirements of the standard.

FCC MPE Calculation

Use: General

Antenna: 3.0dBi

| Freq. MHz | EUT Power | | Cable Loss Loss dB | Ant Gain dBi | Power at Ant dBm | EIRP mW | Power Density (S) at 20 cm mW/cm^2 | MPE Limit at 20 cm mW/cm^2 |
|--------------|-----------|-----|--------------------------|--------------------|------------------------|------------|--|------------------------------------|
| 2450 | 5.5 | 3.5 | 0 | 3 | 5.5 | 7.08 | 0.001 | 1.000 |

Note - output power represents the worse case including production tolerances